

Flood Crest Occurences by One Foot Intervals: James River at Buchanan

Latitude: 37.531
Flood Stage: 17

Period of Record: 1877-Present
Last Flood: 6/24/2016

Longitude: -79.679
Number of Floods: 75

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
17 ft to 17.99 ft	15
18 ft to 18.99 ft	16
19 ft to 19.99 ft	14
20 ft to 20.99 ft	7
21 ft to 21.99 ft	3
22 ft to 22.99 ft	4
23 ft to 23.99 ft	3
24 ft to 24.99 ft	3
25 ft to 25.99 ft	2
26 ft to 26.99 ft	1

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
27 ft to 27.99 ft	2
28 ft to 28.99 ft	0
29 ft to 29.99 ft	1
30 ft to 30.99 ft	1
31 ft to 31.99 ft	1
32 ft to 32.99 ft	0
33 ft to 33.99 ft	0
34 ft to 34.99 ft	1
35 ft to 35.99 ft	0
36 ft to 36.99 ft	0

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence
37 ft to 37.99 ft	0
38 ft to 38.99 ft	1
39 ft to 39.99 ft	0
40 ft to 40.99 ft	0
41 ft to 41.99 ft	0
42 ft to 42.99 ft	0
43 ft to 43.99 ft	0
44 ft to 44.99 ft	0
45 ft to 45.99 ft	0
46 ft to 46.99 ft	0

Drainage Area: 2073 sq mi
Gage Datum: 802.1 ft MSL

Data represents all historical floods.
James Basin

County of Gage: Botetourt
County of Forecast Point: Botetourt

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Last Flood: 6/24/2016

Number of Floods: 75

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
17 ft to 17.99 ft	15	20
18 ft to 18.99 ft	16	21.3
19 ft to 19.99 ft	14	18.7
20 ft to 20.99 ft	7	9.3
21 ft to 21.99 ft	3	4
22 ft to 22.99 ft	4	5.3
23 ft to 23.99 ft	3	4
24 ft to 24.99 ft	3	4
25 ft to 25.99 ft	2	2.7
26 ft to 26.99 ft	1	1.3
27 ft to 27.99 ft	2	2.7
28 ft to 28.99 ft	0	0
29 ft to 29.99 ft	1	1.3
30 ft to 30.99 ft	1	1.3
31 ft to 31.99 ft	1	1.3

Flood Crest-Height above Flood Stage	Total Flood Crest Occurence	Percent of Flood Crest Occurrence
32 ft to 32.99 ft	0	0
33 ft to 33.99 ft	0	0
34 ft to 34.99 ft	1	1.3
35 ft to 35.99 ft	0	0
36 ft to 36.99 ft	0	0
37 ft to 37.99 ft	0	0
38 ft to 38.99 ft	1	1.3
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0
44 ft to 44.99 ft	0	0
45 ft to 45.99 ft	0	0
46 ft to 46.99 ft	0	0

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Flood Stage: 17

Last Flood: 6/24/2016

Number of Floods: 75

Flood Crest-Height above Flood Stage	Cumulative Total Flood Occurence	Cumulative Percent of Flood Occurence
17 ft to 17.99 ft	75	100
18 ft to 18.99 ft	60	79.8
19 ft to 19.99 ft	44	58.5
20 ft to 20.99 ft	30	39.8
21 ft to 21.99 ft	23	30.5
22 ft to 22.99 ft	20	26.5
23 ft to 23.99 ft	16	21.2
24 ft to 24.99 ft	13	17.2
25 ft to 25.99 ft	10	13.2
26 ft to 26.99 ft	8	10.5
27 ft to 27.99 ft	7	9.2
28 ft to 28.99 ft	5	6.5
29 ft to 29.99 ft	5	6.5
30 ft to 30.99 ft	4	5.2
31 ft to 31.99 ft	3	3.9

Flood Crest-Height above Flood Stage	CumulativeTotal Flood Occurence	Cumulative Percent of Flood Occurence
32 ft to 32.99 ft	2	2.6
33 ft to 33.99 ft	2	2.6
34 ft to 34.99 ft	2	2.6
35 ft to 35.99 ft	1	1.3
36 ft to 36.99 ft	1	1.3
37 ft to 37.99 ft	1	1.3
38 ft to 38.99 ft	1	1.3
39 ft to 39.99 ft	0	0
40 ft to 40.99 ft	0	0
41 ft to 41.99 ft	0	0
42 ft to 42.99 ft	0	0
43 ft to 43.99 ft	0	0
44 ft to 44.99 ft	0	0
45 ft to 45.99 ft	0	0
46 ft to 46.99 ft	0	0

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